Friday, 1/27/2006 7:54:21 AM

User

Kim Johnston

Process Sheet

Customer

: CU-DAR001 Dart Helicopters Services

: 25635 **Job Number Estimate Number**

: 12105

P.O. Number

This Issue Prsht Rev.

: NIA : 1/27/2006

: NIA

: NC : N/A

S.O. No. : N/A

: MACHINED PARTS Type

Part Number

Due Date

Drawing Name

: D32011

Drawing Number Project Number

: D3201 REV B : N/A

: DOUBLER

Drawing Revision

Material

MULTIPLY BY 10

: 2/15/2006

Each

Previous Run Written By

First Issue

Checked & Approved By

Comment

Removed from 9 Digit 06-01-25

JLM

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

M2024T3S040 1.0

2024-T3 .040 sheet

7.2450 sf(s)

Comment: Qty.: 0.2898 sf(s)/Unit Total:

Material: 2024-T3 (QQ-A-250/4) 0.040" thick

(M2024T3S.040) Identify for D3201-1 Batch: <u>M19295</u>

2.0

SHEAR

SHEAR



Comment: SHEAR

Cut blank: 8.030" x 4.950"

HAAS CNC VERTICAL MACHINING #1

3.0

HAAS1

Comment: HAAS CNC VERTICAL MACHINING #1

1-Machine D3201-1 as per Folio FA337 and Dwg D3201Stack of 10Identify as D3201-1 $\rightarrow \gamma \gamma$ INSPECT PARTS AS THEY COME OFF MACHINE QC2



4.0

Comment: INSPECT PARTS AS THEY COME OFF MACHINE

SECOND CHECK

30

36

34

5.0

QC8

Comment: SECOND CHECK

30

Page 1

Form: rprocess

| Dart | Aeros | pace | Ltd |
|-------------|-------|------|-----|
|-------------|-------|------|-----|

| W/O: | | WORK ORDER CHANGES | | | | | | | | |
|---------|------|-----------------------|----------|-------|---------|-------------------------------------|--------------------------|--|--|--|
| DATE | STEP | PROCEDURE CHANGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | | | |
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| | | | | | <u></u> | | | | | |
| Part No | • | PAR # Fault Category: | NCD: Voc | No DO | ER. | Data | 16261 | | | |

| Part No: | PAR #: Fault Category: | | NCR: Yes No DQA: | Date: <u>((선강/선</u> |
|----------|------------------------|--|------------------|---------------------|
| | | | QA: N/C Closed: | Date: |

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | | |
|------|------|----------------------------------|----------------------|------------------------------|----------------|--------------|-----------------------|--------------------------|--|
| | | Description of NC | | Corrective Action Section B | | Verification | | | |
| DATE | STEP | Section A | Initial Chief Eng | Action Description Chief Eng | Sign & Date | Section C | Approval Chief Eng | Approval QC Inspector | |
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NOTE: Date & initial all entries

Friday, 1/27/2006 7:54:22 AM Date: User: Kim Johnston **Process Sheet Drawing Name: DOUBLER** Customer: CU-DAR001 Dart Helicopters Services Job Number: 25635 Part Number: D32011 Job Number: Description: Seq. #: **Machine Or Operation:** SMALL & MEDIUM FAB RESOURCE 1 SMALL FAB 1 6.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 30 Deburr Stack HAND FINISHING RESOURCE #1 7.0 HAND FINISHING1 Comment: HAND FINISHING RESOURCE #1 SAD Chemical Conversion Coat as per QSI 005 4.1 *3*0 INSPECT POWDER COAT/CHEMICAL CONVERSION QC3 8.0 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION PACKAGING RESOURCE #1 9.0 PACKAGING 1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location:_ 10.0 Comment: DOCUMENT CONTROL 06/03/0 Inspection Level 21 N 06.0301 Job Completion

Dart Aerospace Ltd

| W/O: | | WORK ORDER CHANGES | | | | | | | | | |
|---------|------|--------------------|------------|----------|--|----|----|-------|-----|-------------------------------------|--------------------------|
| DATE | STEP | Р | ROCEDURE (| CHANGE | | | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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| Part No | : | PAR #: | Fault C | ategory: | | NC | | No DQ | | Date: | |

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | | |
|------|------|----------------------------------|----------------------|------------------------------|----------------|-----------|-----------------------|--------------------------|--|
| | | Description of NC | | Corrective Action Section B | Verification | | | | |
| DATE | STEP | Section A | Initial Chief Eng | Action Description Chief Eng | Sign & Date | Section C | Approval Chief Eng | Approval QC Inspector | |
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NOTE: Date & initial all entries

| DART AEROSPACE LTD | Work Order: | 25635 |
|------------------------------|--------------|-------------|
| Description: Doubler | Part Number: | D3201-1 |
| Inspection Dwg: D3201 Rev: B | • | Page 1 of 1 |

FIRST ARTICLE INSPECTION CHECKLIST

| X | First Article | | Prototype |
|---|---------------|--|-----------|
|---|---------------|--|-----------|

| Drawing Dimension | Tolerance | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
|----------------------|-----------|---------------------|--------|--------|---------------------------------------|-----------------|
| R0.50 | +/-0.030 | R 0.500 | | | | |
| 3.57 | +/-0.030 | 3.569 | | | . • | |
| R0.12 | +/-0.030 | RD.125 | | | | |
| 8.00 | +/-0.030 | 7,999 | ~ | | | |
| 0.58 | +/-0.030 | 0.585 | | | | |
| 4.89 | +/-0.030 | 4.888 | | | | |
| R0.25 | +/-0.030 | R0.250 | | | | |
| 0.040 | +/-0.010 | 0.040 | - | | | |
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| Measured by: | m | Audited by: | Cp | Prototype Approval: | N/A |
|--------------|---------|-------------|---------|---------------------|-----|
| Date: | 0/02/24 | Date: | 0607/24 | Date: | NIA |

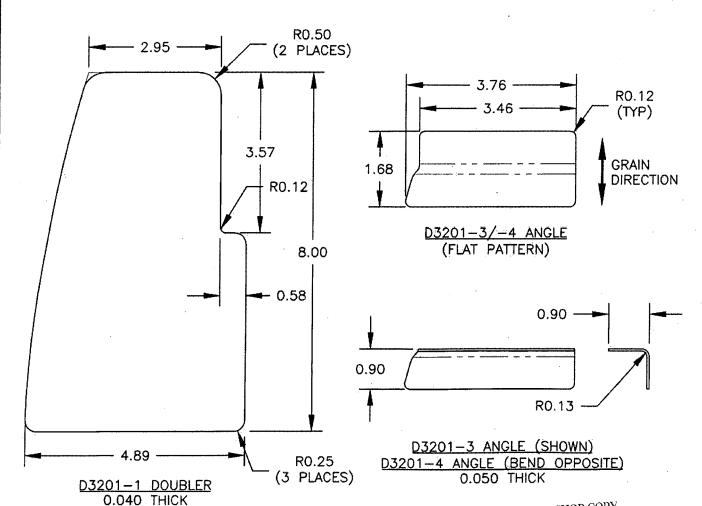
| Rev | Date | Change | | Revised by | Approved |
|-----|----------|-----------|-------|------------|----------|
| Α | 03.11.28 | New Issue | • . • | KJ/RF | |





| DESIGN DRAWN BY | | DRAWN BY | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | | | | |
|-----------------|------|-----------|---|----------|--|--|--|
| CHECK | (ED, | APPROVED_ | DRAWING NO. | REV. B | | | |
| | -#- | 1 | D3201 SHEE | T 1 OF 1 | | | |
| DATE | | | TITLE | SCALE | | | |
| 03.1 | 1.03 | | DOUBLER | 1:2 | | | |
| Α | | 03.08.07 | NEW ISSUE | | | | |
| l | | | | | | | |

03.11.03 | MODIFY D3201-1, ADD D3201-3/-4



D3201-1/-3/-4 DOUBLER

- 1) MACHINE PARTS PER DWG FILE "D3201-B1.DWG"
- 2) MATERIAL: 2024-T3 ALUMINUM SHEET (QQ-A-250/4) (REF. DART SPEC M2024T3S)
- 3) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
- 5) ALL DIMENSIONS ARE IN INCHES

SHOP COPY

RETURN TO

ENGINEERING

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WITHOUT NOTICE

WORK ORDER

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